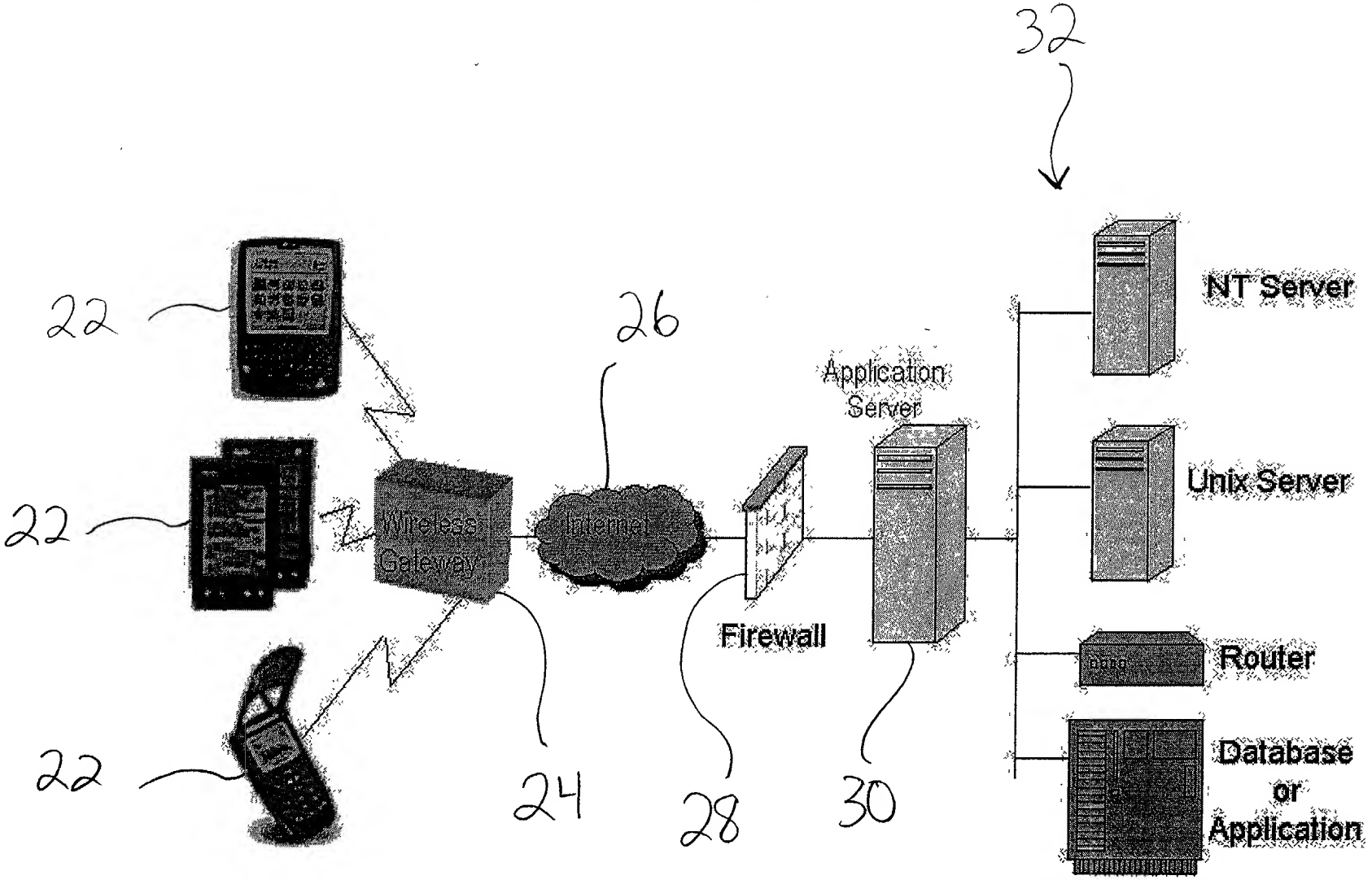
32
22
22
22
26
Wireless Gateway
Internet
Application Server
Firewall
NT Server
Unix Server
Router
Database or Application
24
28
30

Figure 1

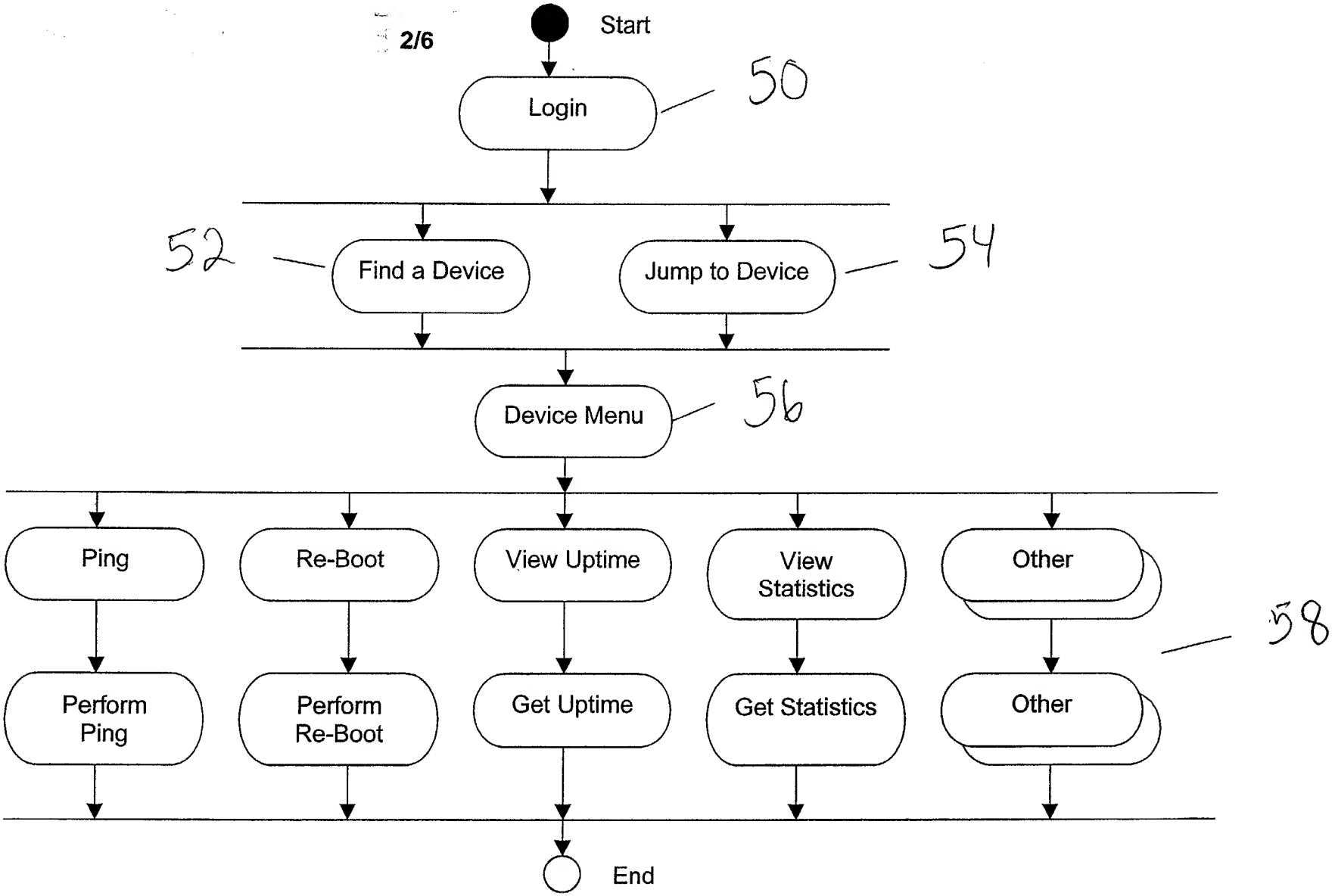
Start
Login
50
52
Find a Device
Jump to Device
54
Device Menu
56
Ping
Re-Boot
View Uptime
View Statistics
Other
58
Perform Ping
Perform Re-Boot
Get Uptime
Get Statistics
Other
End

Figure 2

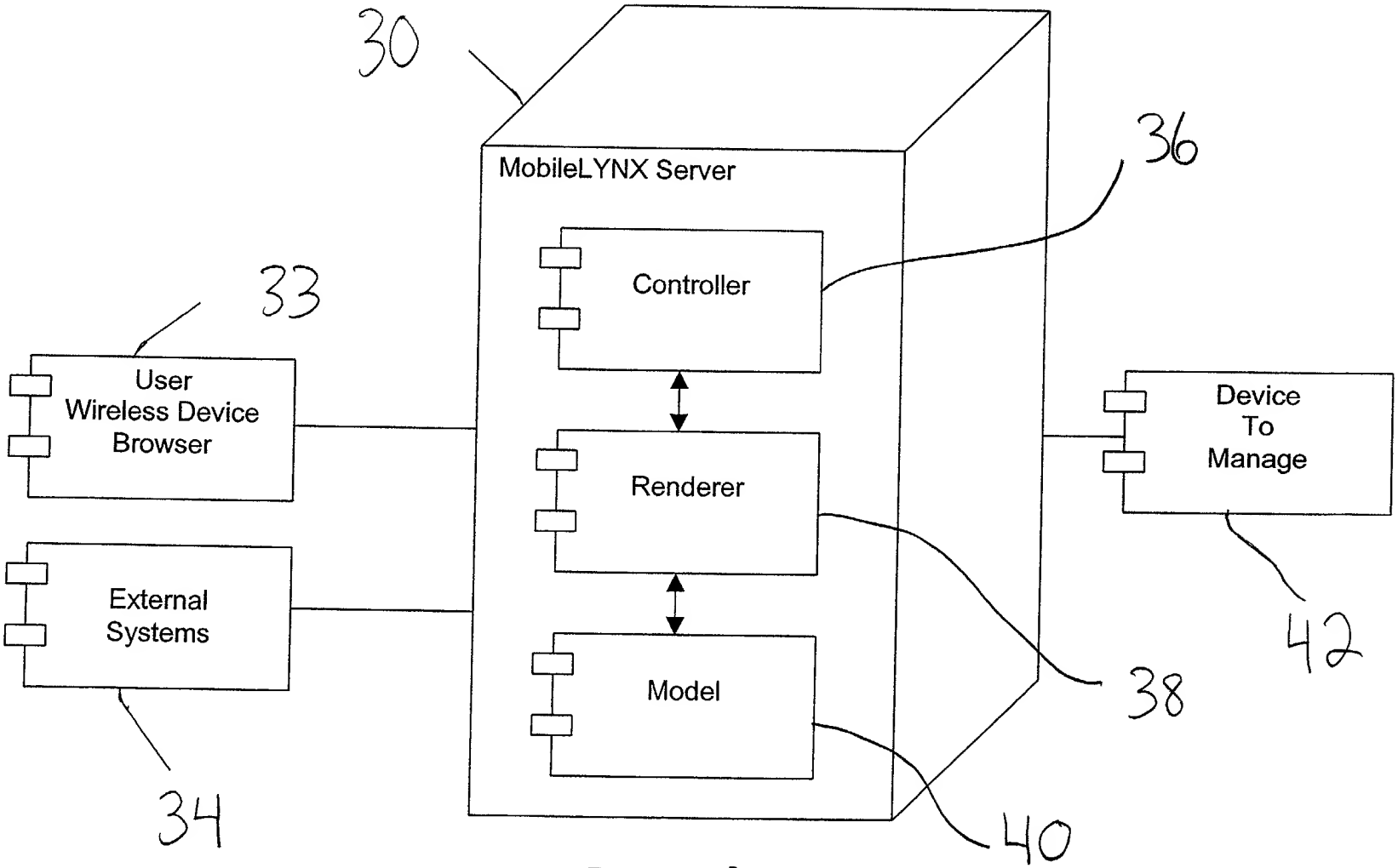
30
MobileLYNX Server
36
Controller
33
User
Wireless Device
Browser
Renderer
Device
To
Manage
External
Systems
Model
42
38
34
40

Figure 3

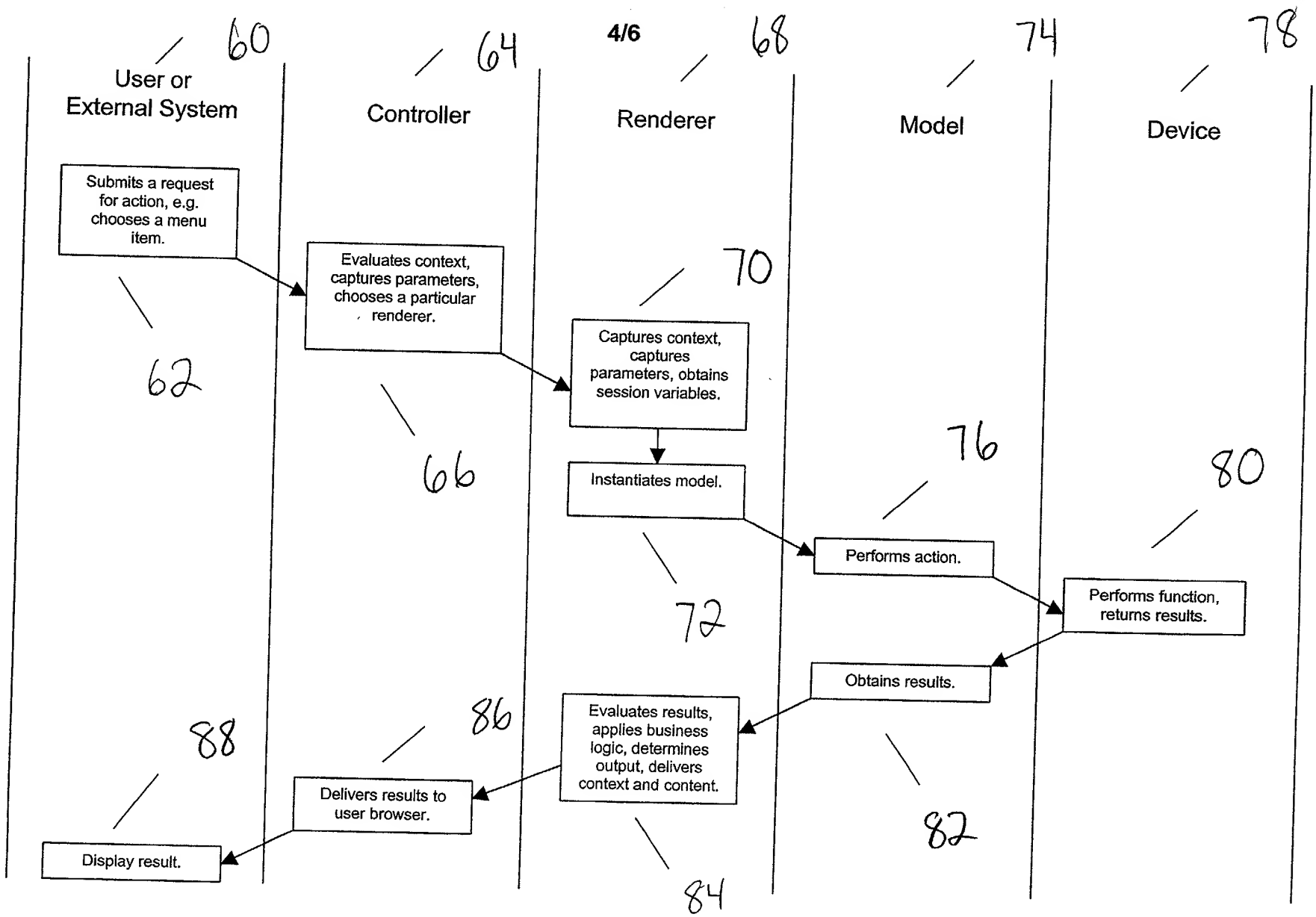
60
64
68
74
78
User or External System
Controller
Renderer
Model
Device
Submits a request for action, e.g. chooses a menu item.
62
Evaluates context, captures parameters, chooses a particular renderer.
66
70
Captures context, captures parameters, obtains session variables.
Instantiates model.
72
76
Performs action.
80
Performs function, returns results.
Obtains results.
82
Evaluates results, applies business logic, determines output, delivers context and content.
84
86
Delivers results to user browser.
88
Display result.

Figure 4

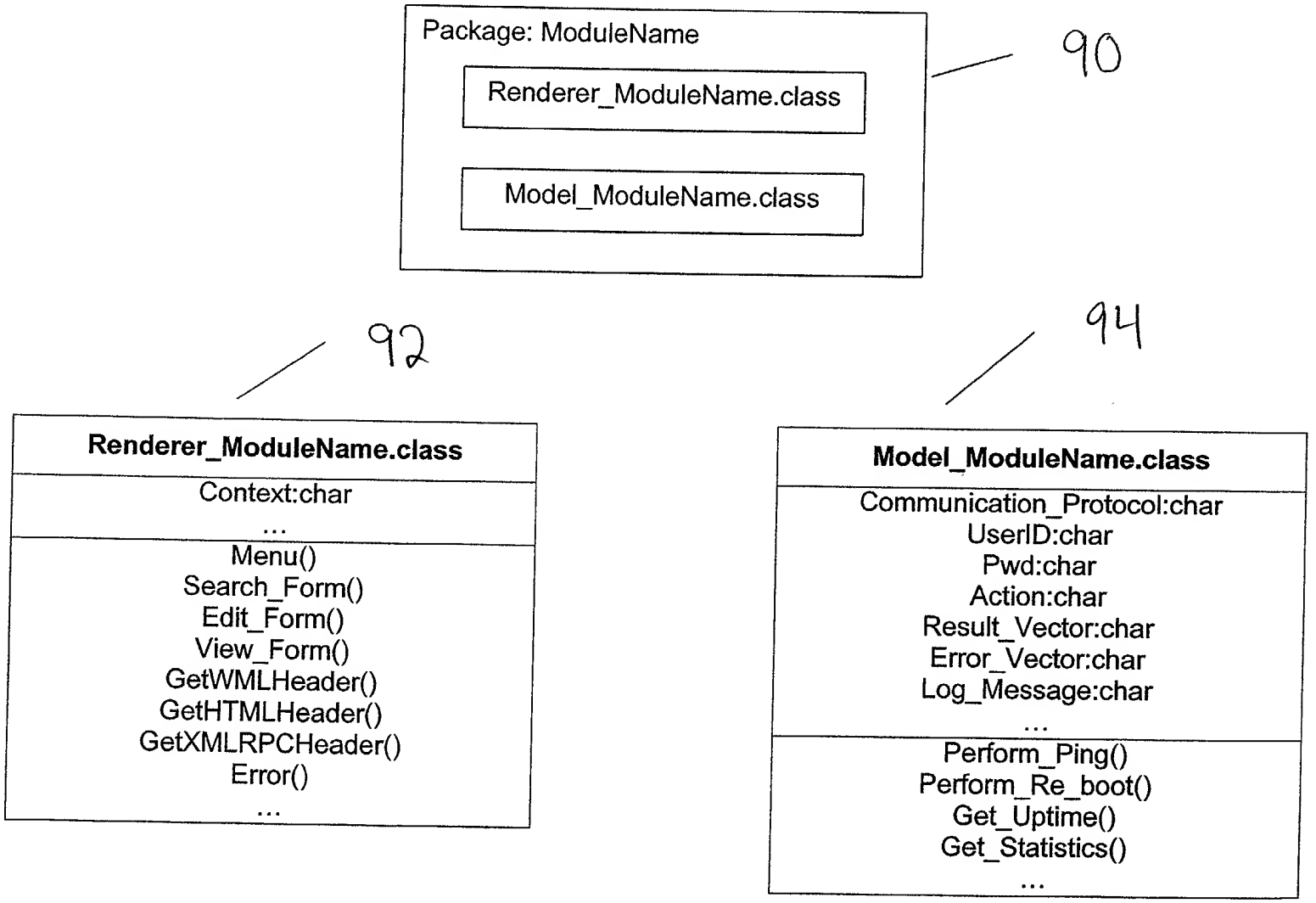
Package: ModuleName
Renderer_ModuleName.class
Model_ModuleName.class
90
92
94
Renderer_ModuleName.class
Context:char
...
Menu()
Search_Form()
Edit_Form()
View_Form()
GetWMLHeader()
GetHTMLHeader()
GetXMLRPCHeader()
Error()
...
Model_ModuleName.class
Communication_Protocol:char
UserID:char
Pwd:char
Action:char
Result_Vector:char
Error_Vector:char
Log_Message:char
...
Perform_Ping()
Perform_Re_boot()
Get_Uptime()
Get_Statistics()
...

Figure 5

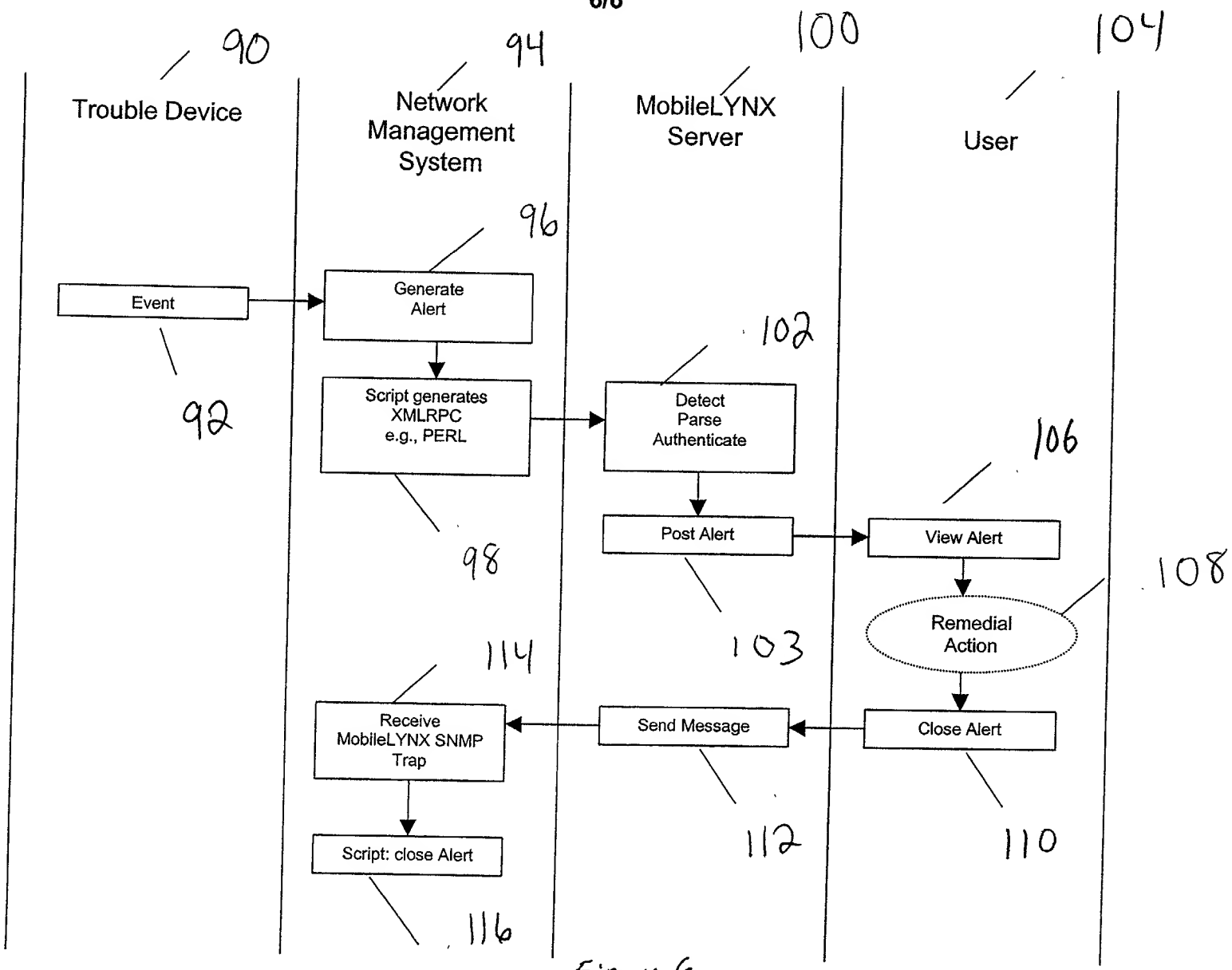
90
94
100
104
Trouble Device
Network Management System
MobileLYNX Server
User
96
Event
Generate Alert
92
Script generates XMLRPC e.g., PERL
98
102
Detect Parse Authenticate
Post Alert
103
106
View Alert
108
Remedial Action
Close Alert
110
Send Message
112
114
Receive MobileLYNX SNMP Trap
Script: close Alert
116

Figure 6